

# WEST Search History

DATE: Monday, May 12, 2003

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT; PLUR=YES; OP=ADJ*

L21	good eyespot resistance and early pollen shed	0	L21
L20	l12 and improved stalk strength	1	L20
L19	northern corn belt and good grain quality	17	L19
L18	l13 and ilmproved stalk strength	0	L18
L17	average pollen shed and northern corn belt	2	L17
L16	early pollen shed and northern corn belt	0	L16
L15	l12 and northern corn belt	17	L15
L14	l12 and northern cornbelt	1	L14
L13	l12 and early pollen shed	5	L13
L12	good grain quality and (corn or maize)	329	L12
L11	pta-2660	0	L11
L10	np2052 and (corn or maize)	0	L10
L9	l2 and l4 and l6 and l8	0	L9
L8	L7 and (corn or maize)	191	L8
L7	cob adj10 (19 or white)	199	L7
L6	L5 and (corn or maize)	18	L6
L5	aleurone adj10 (colorless or 18)	18	L5
L4	L3 and (corn or maize)	12	L4
L3	pubescence adj10 (green-yellow or 5)	17	L3
L2	l1 and (corn or maize)	262	L2
L1	leaf color adj10 (medium green or 02 or 2)	396	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1649axm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Jun 03 New e-mail delivery for search results now available  
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 11 Oct 24 BEILSTEIN adds new search fields  
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 14 Nov 25 More calculated properties added to REGISTRY  
NEWS 15 Dec 04 CSA files on STN  
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 17 Dec 17 TOXCENTER enhanced with additional content  
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC  
NEWS 20 Feb 13 CANCERLIT is no longer being updated  
NEWS 21 Feb 24 METADEX enhancements  
NEWS 22 Feb 24 PCTGEN now available on STN  
NEWS 23 Feb 24 TEMA now available on STN  
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 25 Feb 26 PCTFULL now contains images  
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003  
NEWS 28 Mar 20 EVENTLINE will be removed from STN  
NEWS 29 Mar 24 PATDPAFULL now available on STN  
NEWS 30 Mar 24 Additional information for trade-named substances without  
structures available in REGISTRY  
NEWS 31 Apr 11 Display formats in DGENE enhanced  
NEWS 32 Apr 14 MEDLINE Reload  
NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced  
NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS  
NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in  
WPIDS/WPINDEX/WPIX  
NEWS 36 Apr 28 RDISCLOSURE now available on STN  
NEWS 37 May 05 Pharmacokinetic information and systematic chemical names  
added to PHAR  
  
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:00:48 ON 12 MAY 2003

=> file agricola biosis	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 16:00:55 ON 12 MAY 2003

FILE 'BIOSIS' ENTERED AT 16:00:55 ON 12 MAY 2003  
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=> s leaf color (10w) (2 or medium green)  
L1 14 LEAF COLOR (10W) (2 OR MEDIUM GREEN)

=> s l1 and (corn or maize)  
L2 0 L1 AND (CORN OR MAIZE)

=> s pubescence (10w) (5 or green-yellow)  
L3 10 PUBESCENCE (10W) (5 OR GREEN-YELLOW)

=> s l3 and (corn or maize)  
L4 0 L3 AND (CORN OR MAIZE)

=> s aleurone color (10w) 18 or colorless)  
UNMATCHED RIGHT PARENTHESIS 'COLORLESS)'  
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s aleurone color (10w) 18 or colorless  
L5 3148 ALEURONE COLOR (10W) 18 OR COLORLESS

=> del 15 y

=> s aleurone color (10w) (18 or colorless)  
L5 0 ALEURONE COLOR (10W) (18 OR COLORLESS)

=> s aleurone (10w) (18 or colorless)  
L6 9 ALEURONE (10W) (18 OR COLORLESS)

=> s l6 and (corn or maize)  
L7 1 L6 AND (CORN OR MAIZE)

=> d ti

L7 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI MR R-M CONTROLLING ELEMENT SYSTEM IN **MAIZE**.

=> d so

L7 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO J HERED, (1987) 78 (3), 163-170.  
CODEN: JOHEA8. ISSN: 0022-1503.

=> d ab

L7 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AB A two-unit controlling element system of **maize**, the Mr R-m system, has been characterized. This system involves a receptor element, designated R-m, inserted in the RE locus on the long arm of chromosome 10, and a regulatory element Mr, located on the short arm of chromosome 9 between sh and wx. In the absence of Mr, triploid aleurone tissue with the R-m allele shows dilute color in one dose and full color in two and three doses. The R-m allele also expresses definite anthocyanin pigment in the scutellum but not in the anthers or brace roots of the mature plant. When Mr is present, R-m undergoes frequent changes and produces many colorless patches on a colored **aleurone** field. The patches are nearly **colorless**, with rare small colored spots (reversions back to a full colored R). The colorless patches in the colored aleurone demonstrate the effect of the regulatory element (Mr) on the R-m receptor element. R-m responded differently to different doses of Mr in terms of the average size and frequency of colorless sectors formed. There is some evidence that transposition may occur in both the receptor and the regulatory component R-m can change to stable dominant R as well as to stable or mutable recessive r, which implies that the excision of the receptor element can be either precise or imprecise. The receptor of the Mr R-m system was tested against the regulatory element of the Dt, Ac-Ds and Spm systems, and against R-st and R-mb. The tests proved that the regulatory elements of all of these systems were not able to activate the receptor element R-m.

=> s cob (10w) (19 or white)  
L8 15 COB (10W) (19 OR WHITE)

=> s l8 and (corn or maize)  
L9 7 L8 AND (CORN OR MAIZE)

=> dup rem l9  
PROCESSING COMPLETED FOR L9  
L10 6 DUP REM L9 (1 DUPLICATE REMOVED)

=> d 1-6 ti

L10 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Digestibility of high fibre diets and performance of growing Zimbabwean indigenous Mukota pigs and exotic Large White pigs fed **maize** based diets with graded levels of **maize** cobs.

L10 ANSWER 2 OF 6 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2003) DUPLICATE 1

TI Allelic frequency change of P1 gene in a **maize** population after recurrent selection for grain yield.

L10 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Fecal and illeal digestibility of rabbits diets with different fiber

sources.

- L10 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI DOSAGE EFFECTS OF Y GENE ON GRAIN YIELD AND OTHER AGRONOMIC TRAITS IN  
**MAIZE**.
- L10 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI EFFECT OF SOURCE OF NITROGEN SUPPLEMENT AND **CORN** AND COB MEAL  
INCLUSION ON THE VOLUNTARY INTAKE AND PERFORMANCE BY STEERS GIVEN  
**MAIZE** SILAGE.
- L10 ANSWER 6 OF 6 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003)  
TI Inheritance of popping volume and associated characters in crosses between  
popcorn and dent **corn**.

=> d 1-6 so

- L10 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO Animal Feed Science and Technology, (3 June, 2002) Vol. 97, No. 3-4, pp.  
199-208. <http://www.elsevier.com/locate/anifeedsci>. print.  
ISSN: 0377-8401.
- L10 ANSWER 2 OF 6 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003) DUPLICATE 1  
SO Crop science, Sept/Oct 1998. Vol. 38, No. 5. p. 1391-1394  
Publisher: Madison, Wis. : Crop Science Society of America, 1961-  
CODEN: CRPSAY; ISSN: 0011-183X
- L10 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO Arquivo Brasileiro de Medicina Veterinaria e Zootecnia, (Oct., 1997) Vol.  
49, No. 5, pp. 617-628.  
ISSN: 0102-0935.
- L10 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO EUPHYTICA, (1990) 48 (1), 63-72.  
CODEN: EUPHAA. ISSN: 0014-2336.
- L10 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO TROP AGRIC, (1979) 56 (4), 327-332.  
CODEN: TAGLA2. ISSN: 0041-3216.
- L10 ANSWER 6 OF 6 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003)  
SO Agronomy journal, May 1949. Vol. 41, No. 5. p. 207-212  
Publisher: Madison, Wis. : American Society of Agronomy, [1949-  
CODEN: AGJOAT; ISSN: 0002-1962

=> s np2052 and (corn or maize)

L11 0 NP2052 AND (CORN OR MAIZE)

=> s pta-2660

L12 0 PTA-2660

=> s good seedling vigor and (corn or maize)

L13 2 GOOD SEEDLING VIGOR AND (CORN OR MAIZE)

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=> dup rem l13
PROCESSING COMPLETED FOR L13
L14          2 DUP REM L13 (0 DUPLICATES REMOVED)

=> d 1-2 ti

L14 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI  CORN ZEA-MAYS PHYSIOLOGY IN SHORT SEASON AND LOW TEMPERATURE
    ENVIRONMENTS.

L14 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI  COLD TOLERANCE OF MAIZE INBRED LINES ADAPTED TO VARIOUS
    LATITUDES IN NORTH AMERICA.

=> s northern cornbelt
L15          7 NORTHERN CORNBELT

=> del l15 y

=> s northern cornbelt and average pollen shed
L15          0 NORTHERN CORNBELT AND AVERAGE POLLEN SHED

=> s northern cornbelt and early pollen shed
L16          0 NORTHERN CORNBELT AND EARLY POLLEN SHED

=> s early pollen shed and good seedling vigor
L17          0 EARLY POLLEN SHED AND GOOD SEEDLING VIGOR

=> s (resist? or tolera?) and stalk disease?
L18          5 (RESIST? OR TOLERA?) AND STALK DISEASE?

=> s l18 and (corn or maize)
L19          1 L18 AND (CORN OR MAIZE)

=> d ti

L19 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI  STALK SPLITTING AS A METHOD FOR EVALUATING STALK ROT OF CORN.

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